

Abstract

A system and method for bracketing a tissue volume (22) and later locating the bracketed tissue volume. The system includes a plurality of markers (30) and a probe (32) and detector (34) for use in locating the markers by providing information usable by a surgeon that is representative of changes in proximity between the probe and the plurality of markers. The
5 markers have various detection characteristics, e.g., they transmit gamma rays, that are detectable by an associated probe and detector. The tissue volume is removed by manipulating a cutting tool based on the proximity information provided by the detector which can be used by the surgeon to define the boundary of the tissue volume. A two-part cutting tool (200) is provided for removing the tissue volume, and a tissue anchor (300) is
10 provided for stabilizing the tissue during removal. The system and method of the invention are particularly useful in bracketing and then removing a tissue volume from amorphous, pliable tissue such as breast tissue.

15

BTW91135.4